

### CAPS Survey Report

<b>Year:</b>	2018
<b>State:</b>	Kansas
<b>Cooperative Agreement Name:</b>	Walnut Twig Beetle Survey
<b>Cooperative Agreement Number:</b>	USDA-APHIS-10025-PPQFO000-18-0232
<b>Project Funding Period:</b>	May 1, 2018 – April 30, 2019
<b>Project Report:</b>	<b>Farm Bill Survey Report</b>
<b>Project Document Date:</b>	May 1, 2018 – April 30, 2019
<b>Cooperators Project Coordinator:</b>	Laurinda Ramonda
<b>Name:</b>	Plant Protection and Weed Control
<b>Agency:</b>	Kansas Department of Agriculture
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Quarterly Report	<input type="checkbox"/>
Semi-Annual Accomplishment Report	<input type="checkbox"/>
Annual Accomplishment Report	<input checked="" type="checkbox"/>

**A. Write a brief narrative of work accomplished. Compare actual accomplishments to objectives established as indicated in the work plan. When the output can be quantified, a computation of cost per unit is required when useful.**

Participants: Laurinda Ramonda – provide training, supervision and shipping of samples to lab  
 Greg Chrislip, state entomologist – provide training and supervision  
 Surveyor – Kristina Hamilton  
 Brian Brunkow – specimen sorting  
 Taro Eldredge, state entomologist – specimen identification

- April 6, 2018 – Workplan signed by USDA
- May 30, 2018 – Survey began
- June 13, 2018 – All traps set
- June 13, 2018 – Full Funding agreement awarded for \$9,000
- August 3, 2018 – Trapping completed
- October 14, 2018 – Specimen screening began
- October 26, 2018 – Specimen screening complete
- January 30, 2019 – 1 suspect specimen sent to Whitney Cranshaw at Colorado State University
- February 8, 2019 – Suspect specimen not walnut twig beetle. *Juglandis lautus*. No walnut twig beetle found.

Funding Amount (USDA)	Funding Amount (KDA)	Total Number of Traps	Cost Per Unit
Proposed = \$9,477	Proposed = \$589	Proposed = 44	Proposed = \$228.77
Actual = \$9,000	Actual = \$616	Actual = 44	Actual = \$218.55

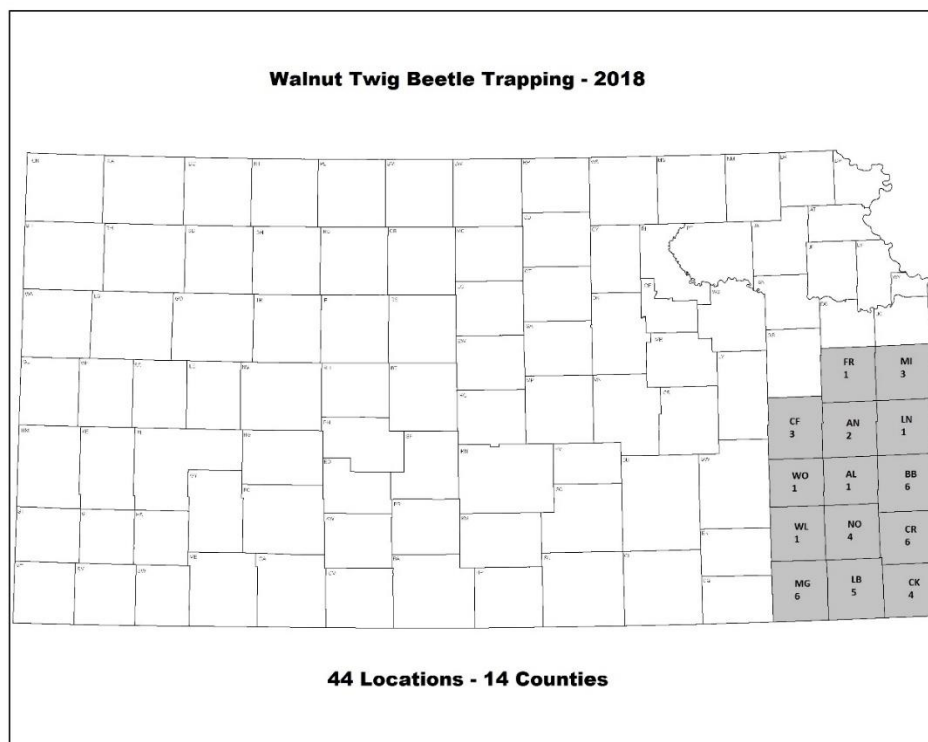
**1. Survey methodology (trapping protocol):**

Scientific Name	Common Name	Survey Method	Trap	Lure
<i>Pityophthorus juglandis</i>	walnut twig beetle	Trap	Funnel Trap, dry cup	<i>Pityophthorus juglandis</i>

	Proposed	Actual
<b>Sites (Locations):</b>	44	44
<b>Number of Samples:</b>	44	44

	<b>Proposed</b>	<b>Actual</b>
<b>Number of Counties:</b>	14	14
<b>Counties:</b>	Allen, Anderson, Bourbon, Cherokee, Coffey, Crawford, Franklin, Labette, Linn, Miami, Montgomery, Neosho, Wilson, Woodson	Allen, Anderson, Bourbon, Cherokee, Coffey, Crawford, Franklin, Labette, Linn, Miami, Montgomery, Neosho, Wilson, Woodson

<b>County</b>	<b>Proposed Number of traps</b>	<b>Actual Number of traps</b>
Allen	1	1
Anderson	2	2
Bourbon	6	6
Cherokee	4	4
Coffey	3	3
Crawford	6	6
Franklin	1	1
Labette	5	6
Linn	1	1
Miami	3	3
Montgomery	6	5
Neosho	4	4
Wilson	1	1
Woodson	1	1
<b>Total</b>	<b>44</b>	<b>44</b>





## 2. Survey dates:

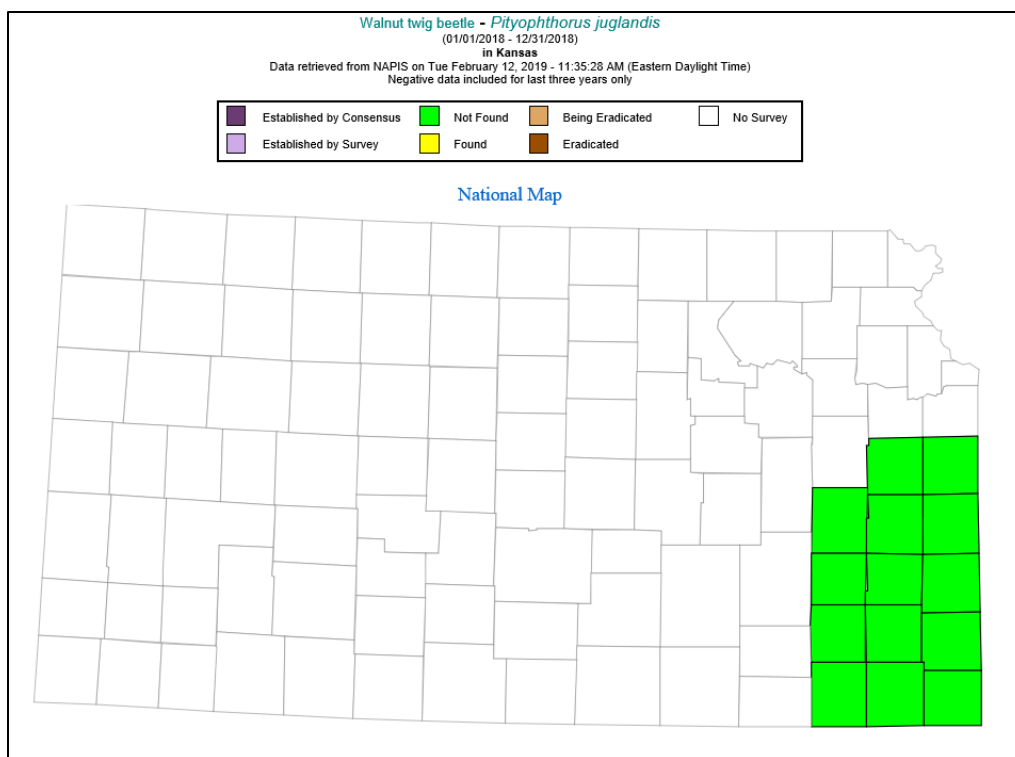
	Proposed	Actual
Survey Dates:	June 2018 to August 2018	May 30, 2018 – August 3, 2018

## 3. Benefits and results of survey:

	Positive	Negative	Total Number
Traps	0	44	44

## 4. Database submissions:

- Result data sheet sent to US Forest Service
- Results sent to NAPIS (see below)



State County	Pest	Pest Status	Survey Method	Trap	Lure	Total Units Checked
KS - Allen	Walnut twig beetle ~ <i>Pityophthorus juglandis</i>	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	<i>Pityophthorus juglandis</i> Lure	1
KS - Anderson	Walnut twig beetle ~ <i>Pityophthorus juglandis</i>	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	<i>Pityophthorus juglandis</i> Lure	1
KS - Anderson	Walnut twig beetle ~ <i>Pityophthorus juglandis</i>	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	<i>Pityophthorus juglandis</i> Lure	1
KS - Bourbon	Walnut twig beetle ~ <i>Pityophthorus juglandis</i>	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	<i>Pityophthorus juglandis</i> Lure	6
KS - Cherokee	Walnut twig beetle ~ <i>Pityophthorus juglandis</i>	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	<i>Pityophthorus juglandis</i> Lure	4

KS - Coffey	Walnut twig beetle ~ Pityophthorus juglandis	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	Pityophthorous juglandis Lure	3
KS - Crawford	Walnut twig beetle ~ Pityophthorus juglandis	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	Pityophthorous juglandis Lure	6
KS - Franklin	Walnut twig beetle ~ Pityophthorus juglandis	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	Pityophthorous juglandis Lure	1
KS - Labette	Walnut twig beetle ~ Pityophthorus juglandis	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	Pityophthorous juglandis Lure	6
KS - Linn	Walnut twig beetle ~ Pityophthorus juglandis	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	Pityophthorous juglandis Lure	1
KS - Miami	Walnut twig beetle ~ Pityophthorus juglandis	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	Pityophthorous juglandis Lure	3
KS - Montgomery	Walnut twig beetle ~ Pityophthorus juglandis	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	Pityophthorous juglandis Lure	5
KS - Neosho	Walnut twig beetle ~ Pityophthorus juglandis	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	Pityophthorous juglandis Lure	4
KS - Wilson	Walnut twig beetle ~ Pityophthorus juglandis	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	Pityophthorous juglandis Lure	1
KS - Woodson	Walnut twig beetle ~ Pityophthorus juglandis	-	General Trapping Procedure	Multi-funnel Trap, 8 Funnel, Dry	Pityophthorous juglandis Lure	1

**B. If appropriate, explain why objectives were not met.\***

- Survey started 2 days before June. Best time for seasonal staff to start.
- 1 more trap in Labette county and 1 less trap in Montgomery county.

**C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.**  
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*\*indicates information is required per 7 CFR 3016.40 and 7 CFR 3019.51*

**Approved and signed by**

\_\_\_\_\_  
**Cooperator**

**Date:** \_\_\_\_\_

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**ADODR**

**Date:** \_\_\_\_\_